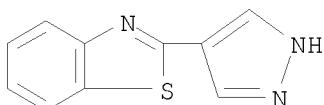
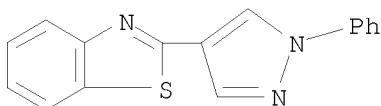


L7 ANSWER 24 OF 25 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1974:108415 CAPLUS <<LOGINID::20081119>>
 DOCUMENT NUMBER: 80:108415
 ORIGINAL REFERENCE NO.: 80:17439a,17442a
 TITLE: Vilsmeier-Haack reaction. VIII. Synthesis of new heterocyclic derivatives from benzothiazole, 6-methoxybenzoxazole, naphth-1,2-oxazole and naphth-2,1-oxazole
 AUTHOR(S): Jayanth, M. R.; Naik, H. A.; Tatke, D. R.; Seshadri, S.
 CORPORATE SOURCE: Dep. Chem. Technol., Univ. Bombay, Bombay, India
 SOURCE: Indian Journal of Chemistry (1973), 11(11), 1112-14
 CODEN: IJOCAP; ISSN: 0019-5103
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 GI For diagram(s), see printed CA Issue.
 AB The Vilsmeier-Haack reaction was utilized to synthesize malonaldehyde derivs. (e.g. I and II) of benzothiazole, 6-hydroxy- and 6-methoxybenzoxazole, naphth-1,2-oxazole, and naphth-2,1-oxazoles. The malonaldehydes were converted into a variety of heterocycles by reaction with suitable reagents. The corresponding cyanoacetaldehyde derivs. were also made and reacted with phenylhydrazine to yield the 5-amino-1-phenylpyrazoles. The pyrimidine derivs. were strongly fluorescent.
 IT 40142-85-6P 51864-18-7P 51864-37-0P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 40142-85-6 CAPLUS
 CN Benzothiazole, 2-(1H-pyrazol-4-yl)- (CA INDEX NAME)



RN 51864-18-7 CAPLUS
 CN Benzothiazole, 2-(1-phenyl-1H-pyrazol-4-yl)- (CA INDEX NAME)



RN 51864-37-0 CAPLUS
 CN 1H-Pyrazol-5-amine, 4-(2-benzothiazolyl)-1-phenyl- (CA INDEX NAME)

